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AP20 Rec'd PCT/PTO 11 JUL 2006

Docket No.: 4601-0114PUS1 (PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Andrew Donald THOMAS

Application No.: NEW

Confirmation No.: N/A

Filed: July 11, 2006

Art Unit: N/A

For: PORT ARRANGEMENT FOR A ROTARY VALVE ENGINE

Examiner: Not Yet Assigned

## INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

.IMS/clb

Application No.: NEW

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A concise explanation of relevance of some of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references. Additionally, that last three U.S. Patents listed can be found cited on pages 1 and 5 of the specification.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees

Dated: July 11, 2006

Respectfully submitted,

James M. Slattery

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## WP20 Rec'd PCT/PTO 11 JUL 2006

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Pattent and Trademark. Office; U.S. DEPARTMENT OF COMMERCE

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|                                               | Under the Paperwork Reduc | 2000 ACT | or 1995, no persons are required | to respond to a collection of int | formation unless it contains a valid OMB control number |  |  |
|-----------------------------------------------|---------------------------|----------|----------------------------------|-----------------------------------|---------------------------------------------------------|--|--|
| Substitute for form 1449A/B/PTO               |                           |          |                                  | Complete if Known                 |                                                         |  |  |
|                                               |                           |          |                                  | Application Number                | NEW 709                                                 |  |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT |                           |          |                                  | Filing Date                       | July 11, 2006                                           |  |  |
|                                               |                           |          |                                  | First Named Inventor              | Andrew Donald THOMAS                                    |  |  |
| -                                             |                           |          |                                  | Art Unit                          | N/A                                                     |  |  |
| (Use as many sheets as necessary)             |                           |          |                                  | Examiner Name                     | Not Yet Assigned                                        |  |  |
| Sheet                                         | 1                         | of       | 1                                | Attorney Docket Number            | 4601-0114PUS1                                           |  |  |

| U.S. PATENT DOCUMENTS |              |                                          |                  |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|--------------|------------------------------------------|------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number                          | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                       |              | Number-Kind Code <sup>2</sup> (if known) | MM-DD-YYYY       |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7HA/                  | AA*          | US-5,524,579-A                           | 06-11-1996       | ELUCHANS                                           | ***************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                       | AB*          | US-4,022,178-A                           | 05-10-1977       | CROSS et al.                                       | ***************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 7HA/                  |              | US-5,544,995-A                           | 08-13-1996       | OGAWA et al.                                       | ***************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| /HA/                  |              | US-5,437,252-A                           | 08-01-1995       | GLOVER                                             | po                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| /HAV                  |              | US-4,163,438-A                           | 08-07-1979       | GUENTHER et al.                                    | December of the last of the la |
| 7HAV                  | AF*          | US-5,526,780-A                           | 06-18-1996       | WALLIS                                             | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| /HA/                  | AG*          | US-4,852,532-A                           | 08-01-1989       | BISHOP                                             | ***************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| FOREIGN PATENT DOCUMENTS |              |  |                                   |                                                    |                                                                                 |    |  |
|--------------------------|--------------|--|-----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----|--|
| Examiner<br>Initials*    | Cite<br>No.1 |  | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | ಗ್ |  |
|                          |              |  |                                   |                                                    |                                                                                 |    |  |

"EXAMINER relial if reference consistent, whether or not distine is no contranace with NEPL PED. Drive the through citized if not in conformance and not consistent. Include oxygo rife follow with encorruntation to pegleciant. ("CITE No. 1 house application"), which are marked with an engle setterist, "Include to the CIB» No. are not supplied (under 37 CFR 1.59(a)(2)(6)) because that application was fixed daffer June 30, 2003 or is available in the IPV. "Applicant's unless actions in a simple contract of the IPV." Applicant's unless actions of the IPV." Applicant of the IPV." Applic

| NON PATENT LITERATURE DOCUMENTS |              |                                                                                                                                                                                                                                                                 |    |  |  |
|---------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--|--|
| Examiner<br>Initials            | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, calalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |  |
|                                 |              |                                                                                                                                                                                                                                                                 |    |  |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

| Examiner /Hyder Ali/                 | Date       | 03/05/2008 |
|--------------------------------------|------------|------------|
| Signature                            | Considered |            |
| Birch, Stewart, Kolasch & Birch, LLP |            | JMS/clb    |